

NICOLE SALAZAR

Geoscientist

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🌐 nicolevasos.github.io

“Deep in the roots, all flowers keep the light”

EXPERIENCE

GIS Analyst

Stanley Black & Decker Inc. | Bogotá, Colombia

📅 04/2023 – 09/2024

- ❑ Created spatial solutions for different departments across the company.
- ❑ Spatial modeling using ArcGIS technologies and programming skills.
- ❑ Processed automatization through SQL Server and Alteryx Server.
- ❑ Created and maintained automatization scripts using python and Alteryx workflows to streamline data.

Geoscientist & Data Analyst

LIFULL Connect | Bogotá, Colombia

📅 04/2022 – 04/2023

- ❑ Spatial Modeling using GIS, Big Data, API's and Opens Sources.
- ❑ Leded research regarding to geosciences, urbanity, real estate market and geographical components of big cities in LATAM and Asia.
- ❑ Created geospatial insights of new assets in Python and QGIS.
- ❑ Created detailed statistical reports using Google Cloud, Data Studio, R and Python.

Geoscientist & Data Analyst

OLX Group – Properati LATAM | Bogotá, Colombia

📅 02/2021 – 04/2021

- ❑ Leded research regarding to urbanity, real estate market and geographical components of big cities in LATAM.
- ❑ Created detailed statistical reports using Google Cloud, Data Studio, R and Python.
- ❑ Created geospatial insights of new assets in Python and QGIS.

Chief Research and Development Officer

Bilingual Child Care Training | Bogotá, Colombia

📅 02/2020 – 05/2021

- ❑ Developed and implemented efficient blueprints, Workflows Rules, Integrations and CRM protocols.
- ❑ Compiled and analyzed data utilizing python, spreadsheets and software such as Zoho CRM and Salesforce.
- ❑ Increased efficiency by analyzing employee performance, ensuring adherence and giving technological support to training processes.

Administrative Assistant to the General Manager

Puerto de Mamonal S.A. | Bogotá, Colombia

📅 05/2017 – 08/2017

- ❑ Guided administrative and professional staff though computer and software problems.
- ❑ Maintained detailed administrative and procedural processes to improve accuracy and efficiency.

Soil Laboratory Head

Polimix Concreto S.A. | Bogotá, Colombia

📅 12/2013 – 07/2014

- ❑ Collected, labeled and stored lithics, sand and gravel samples to be analyzed and tested.
- ❑ Analyzed experimental data and interpreted results to draft reports of findings.
- ❑ Monitored and observed experiments, recording data for research personnel evaluation.

STRENGTHS



COMPUTER SKILLS



LANGUAGES

Spanish – Native

English – C1



IN ADDITION

Alteryx Designer Core - Certification

Alteryx

📅 2023

Web GIS Development - Course

UNDEMY

📅 2021

Intermediate Spatial Data Analysis with R, QGIS, & More - Course

UNDEMY

📅 2021

The Colombia Geochronological Database (GDB) – Publication

International Geological Review

📅 2021

Artificial Intelligence for Geosciences – Course

American Association of Petroleum Geologists (AAPG)

📅 2020

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EDUCATION

Master of Science - Geoinformatics and Data Visualization

Paris Lodron University Salzburg | Palacky University Olomouc

📅 2024 – Current

- Erasmus Mundus Joint Program Copernicus Master in Digital Earth
- Geovisualization & Geocommunication specialization Track

Bachelor of Science – Geoscience

University of los Andes

📅 2014 – 2020

- Final Project: Heat transfer processes analysis in favorable environments for Geothermal Energy in Colombia, through a low enthalpy system in St. Lawrence Lowlands, Quebec Canada.
- President of AAPG in Uniandes Student Chapter
- Teaching Assistant Professor in Geosciences and Physics
- Founder Member in Colombian Geochronological Database (CGD) Research hotbed
- Student Representative of Geosciences Department
- Director of Communications in University of los Andes Student Council

Soil Laboratory Technician

SENA

📅 2013 – 2014

- President of AAPG in Uniandes Student Chapter
- Teaching Assistant Professor in Geosciences and Physics
- Founder Member in Colombian Geochronological Database (CGD) Research hotbed

High School Graduate

Veintiún Ángeles High School

📅 2009 – 2012

- Specialization in Communication and Design
- Scientific research in Gorgona Island, Colombia

IN ADDITION

Multispectral processing with RS and UAV Technologies – Course

GeoinGlobe S.A.S.

📅 2020

Project Management in Geosciences – Short Course

Asociación Colombiana de Geólogos y Geofísicos del Petróleo (ACGGP)

📅 2020

Imperial Barrel Award - Participation

American Association of Petroleum Geologists (AAPG)

📅 2019

AAPG LARC Leadership Summit - Speaker

American Association of Petroleum Geologists (AAPG)

📅 2018